

CLAIMS,

1. In a projection type video display that modulates light emitted from a light source with a light valve to project the modulated light;

a projection type video display characterized in that there is provided a wind blower which generates an air current by ionizing air and molecules in the air using an electrode on one side and drawing ions generated by the ionization by an electrode on the other side.

2. In a projection type video display that modulates light emitted from a light source with a light valve to project the modulated light;

a projection type video display characterized in that there is provided a wind blower which generates an air current by ionizing air by corona discharges using an electrode on one side and moving the ionized air by an electrode on the other side.

3. In the projection type video display according to claim 1 or 2,

a projection type video display characterized in that an ultraviolet ray emitted from the light source is spectrally separated to apply to a wind generated by the wind blower.

4. In the projection type video display according to any one of claims 1 to 3,

a projection type video display characterized in that plural electrodes on one side are arranged in parallel or approximately in parallel and plural electrodes on the other side corresponding to said electrodes on one side are arranged in parallel or approximately in parallel.

5. In the projection type video display according to any one of claims 1 to 3,

a projection type video display characterized in that plural electrodes on one side are arranged and a mesh electrode as an electrode on the other side is arranged.

6. In the projection type video display according to any one of claims 1 to 3,

a projection type video display characterized in that an electrode on one side comprises a metal plate having plural pointed portions on an edge.

7. In the projection type video display according to claim 6,

a projection type video display characterized in that a mesh electrode is arranged as an electrode on the other side.

8. In the projection type video display according to claim 6 or 7,

a projection type video display characterized in that the plural electrodes on one side having plural

pointed portions are arranged with keeping certain intervals each other.

9. In the projection type video display according to any one of claims 6 to 8,

a projection type video display characterized in that the electrode on one side having plural pointed portions made by etching metal plate.

10. In the projection type video display according to any one of claims 1 to 9,

a projection type video display characterized in that cut-out is provided in a reflector section of the light source, wherein

an air supply port of a wind blower is arranged in the position of the cut-out.

11. In the projection type video display according to any one of claims 1 to 9,

a projection type video display characterized in that the wind blower is located in the vicinity of the light source so as to exhaust heat generated by the light source outside from the video display.

12. In the projection type video display according to any one of claims 1 to 9,

a projection type video display characterized in that the wind blower is arranged occupying almost entire surface of one side of the casing of the video display.